

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L2    | 67   | 370/401-402.ccls. and "802.11" and ("1394" OR firewire)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/09/11<br>19:13 |
| L3    | 32   | L2 and (@prad<="20050104" OR @rlad<="20050104")            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/09/11<br>19:14 |
| L4    | 2    | "20030073894"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/09/11<br>19:24 |
| S1    | 119  | "1394" same Hiperlan same "802.11"                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/08/19<br>14:48 |
| S3    | 221  | (firewire OR "1394") same (Hiperlan\$2) same ("802.11"\$2) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/08/19<br>14:50 |
| S6    | 1    | "10584652"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/08/19<br>15:19 |
| S7    | 1    | "10584652"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/08/20<br>11:30 |
| S8    | 2    | "7120092".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/08/20<br>11:52 |

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| S9  | 88   | (javier near2 prado near2 pavon).in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/20<br>11:53 |
| S10 | 0    | (Sai near2 Shankar ).in",  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/20<br>12:16 |
| S11 | 62   | (Sai near2 Shankar ).in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/20<br>12:16 |
| S12 | 13   | ("20040246998"   "3806879"  <br>"4161719"   "5402394"  <br>"5661700"   "5848028"  <br>"5875179"   "6044091"  <br>"6347084"   "6778623"  <br>"6791551"   "7016998").PN. OR<br>("7120092").URPN. | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/08/20<br>12:18 |
| S13 | 34   | (magis).as.  | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/08/20<br>12:52 |
| S15 | 1    | "20050063405"  | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/08/20<br>14:05 |
| S16 | 26   | Hiperlan and (SAR OR<br>segmentation and reassembly)<br>and "802.11"\$2  | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/08/20<br>14:10 |
| S17 | 21   | Hiperlan and (SAR OR<br>segmentation adj2 reassembly)<br>and "802.11"\$2   | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/08/20<br>14:13 |
| S18 | 1    | "7277402".pn.  | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/08/20<br>14:19 |
| S19 | 17   | Hiperlan same "802.11"\$2 same<br>(SAR OR segmentation near2<br>reassembly OR convergence)   | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/08/20<br>14:21 |
| S20 | 0    | Hiperlan near6 "802.11"\$2 near4<br>encapsul\$5  | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/08/20<br>14:28 |
| S21 | 0    | Hiperlan same "802.11"\$2 same<br>encapsul\$5  | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/08/20<br>14:28 |
| S22 | 1    | Hiperlan same "802.11"\$2 same<br>SAR  | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/08/20<br>14:29 |
| S23 | 1    | "20030123427"  | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/08/20<br>14:31 |
| S24 | 1910 | hiperlan same "802.11"\$2  | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/08/20<br>14:39 |
| S25 | 9    | hiperlan near4 (over OR inside OR<br>compatible) near4 "802.11"\$2   | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/08/20<br>14:39 |

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| S30 | 5  | "802.11" near4 hiperlan near4 (compatib\$4 OR interwork\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/20<br>14:51 |
| S31 | 20 | "1394" near6 SSCS  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/20<br>15:20 |
| S32 | 80 | "1394.1"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/20<br>15:45 |
| S33 | 2  | "20030152100"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/24<br>08:54 |
| S34 | 96 | "802.11" near10 (SSCS OR convergence)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/24<br>09:28 |
| S35 | 42 | ("4573477"   "4622977"  <br>"4759375"   "5295485"  <br>"5590658"   "5609155"  <br>"5615679"   "5680536"  <br>"5685307"   "5690114"  <br>"5715823"   "5722412"  <br>"5758649"   "5763785"  <br>"5795297"   "5798461"  <br>"5817024"   "5839442"  <br>"5860930"   "5893363"  <br>"5904652"   "5957846"  <br>"5961610"   "5964709"  <br>"5971923"   "6032120"  <br>"6063030"   "6101407"  <br>"6106468"   "6106472"  <br>"6111816"   "6135961"  <br>"6139496"   "6139498"  <br>"6142946"   "6159150"  <br>"6210327"   "6379306"  <br>"6475146"   "6603494").PN. OR<br>("6969352").URPN. | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/08/24<br>09:33 |
| S36 | 61 | "802.11"\$2 near10 ((SSCS OR convergence) NOT (PLCP OR physical layer convergence protocol))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/24<br>09:35 |

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| S39 | 13 | "1394" same (protocol adaptation layer)                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/24<br>10:36 |
| S40 | 69 | 1394TA   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/24<br>10:42 |
| S41 | 14 | "1394" same (protocol adaptation)                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/24<br>11:01 |
| S42 | 27 | "1394" and (protocol adaptation)                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/24<br>11:01 |
| S43 | 24 | "1394" and (protocol adaptation layer)                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/24<br>11:01 |
| S44 | 25 | ("1394" OR firewire) and (protocol adaptation layer)     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/24<br>11:01 |
| S45 | 25 | ("1394" \$2 OR firewire) and (protocol adaptation layer) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/24<br>11:01 |
| S46 | 0  | (ho-in near2 jeon).in.                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/24<br>11:32 |
| S47 | 2  | "7515606".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/08/24<br>13:12 |

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| S48 | 0   | (jeon near2 ho in).in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/08/24<br>13:15 |
| S49 | 1   | (jeon near2 ho in)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/08/24<br>13:15 |
| S50 | 147 | TS "101" "761"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/08/25<br>11:36 |
| S51 | 1   | ESTI TS "101" "761"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/08/25<br>11:36 |
| S54 | 14  | "802.11" same (PAL OR protocol<br>adaptation) same MAC   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/08/25<br>12:09 |
| S55 | 61  | ETSI TS "101" 761-4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/08/25<br>12:35 |
| S56 | 136 | (hardware OR MAC OR layer "2"<br>OR data link) near4 address same<br>(((adaptation OR convergence)<br>near3 (layer)) OR (PAL OR SSCS)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/08/26<br>09:45 |
| S58 | 115 | (hardware OR MAC OR layer "2"<br>OR data link) near4 address same<br>(((adaptation OR convergence)<br>near3 (layer)) OR (PAL OR SSCS)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>09:46 |
| S59 | 84  | (hardware OR MAC OR layer "2"<br>OR data link) near4 address same<br>(((adaptation OR convergence)<br>near3 (layer)) OR (SSCS))        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>09:47 |

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| S60 | 67    | (peter near2 johansson).in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>11:01 |
| S61 | 21386 | (phillips).as.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>11:03 |
| S62 | 8     | (phillips).as. and (firewire OR "1394")   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>11:03 |
| S63 | 1     | (phillips).as. and (firewire OR "1394\$2")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>11:04 |
| S64 | 23    | (phillips).as. and (firewire OR "1394"\$2)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>11:04 |
| S65 | 3202  | (NEC OR sony).as. and ("1394" OR firewire)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>11:11 |
| S66 | 425   | (NEC OR sony).as. and ("1394" OR firewire) same (wireless OR "802.11")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>11:11 |
| S67 | 180   | (NEC OR sony).as. and ("1394" OR firewire) same (wireless OR "802.11") and<br>(@rlad<="20040101" OR<br>@PRAD<="20040101")                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>11:12 |
| S68 | 50    | (NEC OR sony).as. and (((("1394" OR firewire) near4 (wireless OR "802.11")) OR firewireless) and<br>(@rlad<="20040101" OR<br>@PRAD<="20040101") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>11:16 |

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| S69 | 2   | ARI B-STD-T72   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>11:23 |
| S70 | 3   | "7313125".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>11:44 |
| S71 | 2   | "7359398".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>11:45 |
| S72 | 2   | "7280811".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>11:46 |
| S73 | 2   | "20050114489"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>12:49 |
| S74 | 19  | hiperlan same (subnet OR sub net)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>14:42 |
| S75 | 0   | hiperlan same (isolated OR sepeara \$6 OR unique) near4 (cell OR subnet OR sub net) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>14:46 |
| S76 | 103 | hiperlan and (cell OR subnet OR sub net) same (SSCS OR convergence OR "1394")       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>14:47 |
| S77 | 353 | (assign) near4 (mac address)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>14:52 |

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| S78 | 2359 | (assign\$4) near4 (mac address)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>14:52 |
| S79 | 75   | (assign\$4) near2 (mac address)<br>same (encapsul\$4 OR convert\$4<br>OR convers\$3 OR adaptation)             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/08/26<br>14:52 |
| S80 | 2    | "7440434".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/09/10<br>09:56 |
| S81 | 1384 | (virtual) near4 (MAC)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/09/10<br>10:01 |
| S82 | 56   | (virtual) near4 (MAC) same<br>(((conversion OR convert OR<br>converting) near4 (protocol)) OR<br>encapsula\$5) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/09/10<br>10:02 |
| S83 | 7682 | over ethernet  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/09/10<br>10:28 |
| S84 | 84   | (fibre channel OR "1394" OR scsi)<br>over ethernet   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/09/10<br>10:28 |
| S85 | 667  | over ethernet same MAC   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/09/10<br>10:30 |
| S86 | 45   | (fibre channel OR "1394" OR scsi)<br>over ethernet and MAC   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/09/10<br>10:30 |



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| S87 | 4   | (fibre channel OR "1394" OR scsi) over ethernet and MAC and (@prad<="20040106" OR @rlad<="20040106")           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>10:35 |
| S88 | 243 | S85 and (@prad<="20040106" OR @rlad<="20040106")   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>10:35 |
| S89 | 212 | over ethernet same MAC same (bridge OR convert OR conversion OR converts OR encapsulat\$5)                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>10:38 |
| S90 | 94  | S89 and (@prad<="20040106" OR @rlad<="20040106")   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>10:38 |
| S91 | 154 | over ethernet same MAC same (bridge OR convert OR conversion OR converts OR encapsulat\$5) NOT (gallagher).in. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>10:39 |
| S92 | 37  | S91 and (@prad<="20040106" OR @rlad<="20040106")   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>10:39 |
| S93 | 4   | "7415535".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>10:49 |
| S94 | 125 | MAC near4 (address) near4 (protocol type OR protocol ID)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>11:01 |
| S95 | 52  | S94 and (@prad<="20040106" OR @rlad<="20040106")   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>11:01 |

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| S96  | 327 | MAC near4 (address) near4 (encapsulat\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>11:05 |
| S97  | 52  | S95 and (@prad<="20040106"<br>OR @rlad<="20040106")                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>11:05 |
| S98  | 109 | S96 and (@prad<="20040106"<br>OR @rlad<="20040106")                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>11:05 |
| S99  | 112 | MAC near4 (identify OR isolate OR<br>Identifies OR seperate OR sort)<br>near4 type  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>11:35 |
| S100 | 0   | L20and (@prad<="20040106" OR<br>@rlad<="20040106")                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>11:36 |
| S101 | 45  | S99 and (@prad<="20040106"<br>OR @rlad<="20040106")                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>11:36 |
| S102 | 400 | "802.11" same (protocol type OR<br>protocol ID OR type field OR<br>"802.2" OR SNAP) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>11:39 |
| S103 | 170 | S102 and (@prad<="20040106"<br>OR @rlad<="20040106")                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>11:40 |
| S104 | 5   | "10746153"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>11:43 |

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| S105 | 101  | "802.11" same (protocol type OR protocol ID OR protocol identifier) near5 MAC   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>11:53 |
| S106 | 61   | S105 and (@prad<="20040106" OR @rlad<="20040106")   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>11:53 |
| S107 | 2    | "6172980".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:00 |
| S108 | 18   | MAC near4 address same (Without OR "no") near6 (protocol type OR protocol ID OR SNAP OR "802.2")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:03 |
| S109 | 1289 | (multiple OR plural OR plurality OR several OR many) near4 (MAC) near2 (addresses)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:20 |
| S110 | 10   | (multiple OR plural OR plurality OR several OR many) near4 (MAC) near2 (addresses) same (protocol type OR protocol near ID OR protocol near identify) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:21 |
| S111 | 35   | (multiple OR plural OR plurality OR several OR many) near4 (MAC) near2 (addresses) same (encapsulat\$6)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:22 |
| S112 | 112  | (multiple OR plural OR plurality OR several OR many) near4 (MAC) near2 (addresses) same type  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:28 |
| S113 | 7    | (multiple OR plural OR plurality OR several OR many) near4 (MAC) near2 (addresses) same type near2 protocol   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:29 |

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| S114 | 31   | (seperate OR second OR isolated)<br>near4 (MAC) near6 (encapsulat\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:33 |
| S115 | 15   | S114 and (@prad<="20040106"<br>OR @rlad<="20040106")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:33 |
| S116 | 51   | (assign\$4) near4 MAC same<br>(encapsul\$4 OR protocol type OR<br>protocol ID)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:51 |
| S117 | 11   | S116 and (@prad<="20040106"<br>OR @rlad<="20040106")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:51 |
| S118 | 2535 | (assign\$4) near4 MAC and ("370"/<br>\$.ccls. OR "709"/\$.ccls.)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:53 |
| S119 | 1092 | S118 and (@prad<="20040106"<br>OR @rlad<="20040106")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:53 |
| S120 | 999  | (assign\$4) near4 MAC and ("370"/<br>\$.ccls. OR "709"/\$.ccls.) and<br>(encapsul\$4 OR over ethernet OR<br>"802.11") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:54 |
| S121 | 784  | (assign\$4) near4 MAC and ("370"/<br>\$.ccls. OR "709"/\$.ccls.) and<br>(encapsul\$4 OR over ethernet)                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:54 |
| S122 | 434  | S120 and (@prad<="20040106"<br>OR @rlad<="20040106")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:55 |

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| S123 | 468 | (assign\$4) near4 MAC and<br>(protocol) near2 (ID OR type)                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:56 |
| S124 | 14  | (assign\$4) near4 MAC same<br>(protocol) near2 (ID OR type)                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:56 |
| S125 | 14  | (assign\$4 OR alocat\$4) near4<br>MAC same (protocol) near2 (ID<br>OR type) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:57 |
| S126 | 64  | (assign\$4 OR alocat\$4) near4<br>MAC same encapsulat\$6                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:58 |
| S127 | 0   | (alocat\$4) near4 MAC same<br>encapsulat\$6                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:58 |
| S128 | 38  | (alocat\$4) near4 MAC same<br>encapsulat\$6                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:58 |
| S129 | 17  | S128 and (@prad<="20040106"<br>OR @rlad<="20040106")                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>12:58 |
| S130 | 331 | MAC address same OUI  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>13:08 |
| S131 | 165 | S130 and (@prad<="20040106"<br>OR @rlad<="20040106")                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>13:08 |

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| S132 | 1     | MAC address same OUI same 5E  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>13:11 |
| S133 | 2     | MAC same OUI same 5E  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>13:11 |
| S134 | 191   | MAC same 5E   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>13:11 |
| S135 | 59    | S134 and (@prad<="20040106"<br>OR @rlad<="20040106")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>13:17 |
| S136 | 2     | (MAC near4 address) near4 (assign<br>\$4 OR allocated OR allocating OR<br>per) near4 tunnel | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>13:36 |
| S137 | 82    | MAC near4 address near4 tunnel  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>13:36 |
| S138 | 82    | MAC near4 (address\$2) near4<br>tunnel  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>13:36 |
| S139 | 29    | S138 and (@prad<="20040106"<br>OR @rlad<="20040106")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/10<br>13:37 |
| S140 | 42169 | (MAC OR hardware OR layer "2"<br>OR data link) near4 (address)                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>11:42 |

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| S141 | 5129 | S140 and (packet type OR encapsulation OR subinterface)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>11:43 |
| S142 | 5200 | S140 and (packet type OR encapsulation OR subinterface OR sub interface)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>11:43 |
| S143 | 1152 | S140 same (packet type OR encapsulation OR subinterface OR sub interface)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>11:43 |
| S144 | 350  | (MAC OR hardware OR layer "2" OR data link) near4 (address) near4 (separate OR isolate OR identify OR assign OR assigned OR allocate OR allocated OR allocating) same (packet OR encapsulation OR frame) near4 (type OR ID OR identifier)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>11:45 |
| S145 | 35   | ("20040109473"   "20040128410"   "20040172485"   "20040179534"   "20040252722"   "20040268015"   "20050010709"   "20050068964"   "5535338"   "5710908"   "5748911"   "6041063"   "6094700"   "6101188"   "6151651"   "6256700"   "6289388"   "6314525"   "6385197"   "6456590"   "6473803"   "6614800"   "6658480"   "6687758"   "6738821"   "6757725"   "6769009"   "6771612"   "6775283"   "6816929"   "6839777"   "6874042"   "7177941"   "7269666"   "7325167").PN. OR ("7464174"). URPN. | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON | 2009/09/11<br>12:05 |
| S146 | 175  | (MAC OR hardware OR layer "2" OR data link) near4 (address) near4 (assign OR assigned OR allocate OR allocated OR allocating) near4 (protocol)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>12:14 |
| S147 | 127  | (MAC OR hardware) near2 (address) near4 (assign OR assigned OR allocate OR allocated OR allocating) near4 (protocol)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>12:15 |

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| S148 | 61  | S146 and (@prad<="20040106"<br>OR @rlad<="20040106")                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>12:17 |
| S149 | 8   | Dynamic Address Resolution<br>protocol                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>13:54 |
| S150 | 0   | dyanmic ARP   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>13:55 |
| S151 | 31  | dynamic ARP   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>13:55 |
| S152 | 1   | Dynamic Address Resolution same<br>(MAC OR hardware) near2<br>address | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>14:00 |
| S153 | 38  | Dynamic Address Resolution  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>14:01 |
| S154 | 3   | (address resolution OR ARP) same<br>direct mapping                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>14:07 |
| S155 | 507 | (direct OR directly) near2 (maps<br>OR mapping) near2 (address\$4)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>14:20 |
| S156 | 178 | S155 and (@prad<="20040106"<br>OR @rlad<="20040106")                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>14:20 |



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|------|---|--|---|-----|----|---------------------|
| S157 | 5 | (direct OR directly) near2 (maps<br>OR mapping) near2 (address\$4)<br>same MAC | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/11<br>14:20 |
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